

EPA-REGION II
OFFICE OF EMERGENCY RESPONSE
REMOVAL ACTION
U.S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

1987 MAY -1 PM 12:37

DATE: April 15, 1987

DIRECTOR'S OFFICE

Region II
Response and Prevention Branch
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS
24 Hour Emergency

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TAT

FILE COPY

POLREP NO. Three (3)
INCIDENT/SITE NO.: Arkansas Company/T9
POLLUTANT: Textile chemicals and intermediates
CLASSIFICATION: Major
SOURCE: Abandoned chemical company
LOCATION: Newark, New Jersey
AMOUNT: To be determined
WATER BODY: None

1. SITUATION:

A. The Arkansas Company produced textile and other specialty chemicals at this site until it was abandoned in 1983 (previous POLREPS erroneously stated 1985). Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16/16B), a storage building (Bldg. 24), and two sheds. About 1000 drums and several thousand small containers of chemicals exist in the buildings on-site. Approximately 100 storage tanks and process vessels contain unknown quantities of materials.

2. ACTION TAKEN:

A. On March 18, 1987, a comprehensive tour of Buildings 25 and 30 revealed thousands of small containers (jars, jugs, cans, pails, etc.) of chemicals contained within 3 laboratories.

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B. On March 18, 1987, samples of water in the basements of Buildings 25 and 30 were collected. Results revealed low level contamination consisting of heavy metals (Arsenic = 0.569-2.15 mg/l, Selenium = 0.014-0.033 mg/l), chlorinated compounds (1,1,1-Trichloroethane = 69-150 ug/liter, 1,2,4-Trichlorobenzene = 32.6-33.9 ug/liter), Biochemical Oxygen Demand (BOD) = 16.2-17.2 mg/liter, and Chemical Oxygen Demand (COD) = 680-700 mg/liter.

C. The roof of Building 25 requires repair. The City of Newark has agreed to do the repair.

D. On April 15, 1987, a draft cost estimate for planned removal activities was completed. From this rough estimate, it appears that mitigation contract costs will exceed \$1.5 million.

E. On April 15, 1987, the Emergency and Remedial Response Division Director authorized an additional \$20,000 to continue site security.

4. FUTURE PLANS AND RECOMMENDATIONS:

A. An Action Memorandum will follow refinement of removal cost estimates.

B. A letter report with the analytical results of the basement water will be prepared for review by the Passaic Valley Sewage Commission (PVSC). Approval to discharge this water to the sewer system is contingent upon review of the results by PVSC.

C. EPA/TAT will video tape the site.

D. EPA/TAT will inventory the contents of tanks and process vessels.

E. The City of Newark will repair the roof of Building 25.

F. EPA will continue to provide 24-hr site security.

4. FINANCIAL ACCOUNTING:

A. Total Project Ceiling Authorized \$ 55,000

B. Mitigation Contract Ceiling 49,580

C. Expenditures for Mitigation Contracts

1.a. Amount obligated to ERCS contractor
for Delivery Order #6893-02-073
(DCNs KCS - 361,629,633) \$ 49,580

1.b. Estimated expenditures as of
April 15, 1987 29,500

1.c. Balance remaining	20,080
D. Unobligated Balance Remaining	-0-
E. Estimate of Total Expenditures to Date for all Mitigation Contracts	29,500
F. Other Extramural Costs	
1.a. TAT salary/travel	6,200
G. Intramural Costs	
1.a. EPA salary/travel	2,300
H. Total Expenditures	\$ 38,000
Percent of Total Project Ceiling	69%
Percent of \$1 Million	3.8%

FINAL
 POLREP _____
 (TAT)

FURTHER
 POLREPS
 FORTHCOMING X

SUBMITTED BY: Thomas Kady, OSC
 Response and Prevention
 Branch

DATE RELEASED: 4/20/82